

***LineUp With Math™* Alignment**
Mathematics Curriculum Standards
Process Standards

Problem Solving Standard Instructional programs from prekindergarten through grade 12 should enable all students to accomplish the following:

<ul style="list-style-type: none"> - Solve problems that arise in mathematics and in other contexts. 	<p><i>LineUp With Math™</i> Activities</p> <ul style="list-style-type: none"> --Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.
<ul style="list-style-type: none"> - Apply and adapt a variety of appropriate strategies to solve problems. 	<p>--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.</p> <p>--Explore and apply a variety of strategies to optimize the solution of air traffic control conflicts.</p>

Communication Standard Instructional programs from prekindergarten through grade 12 should enable all students to accomplish the following:

<ul style="list-style-type: none"> - Communicate their mathematical thinking coherently and clearly to peers, teachers, and others. 	<p><i>LineUp With Math™</i> Activities</p> <ul style="list-style-type: none"> --Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.
<ul style="list-style-type: none"> - Use the language of mathematics to express mathematical ideas precisely. 	<ul style="list-style-type: none"> --Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.

Connections Standard Instructional programs from prekindergarten through grade 12 should enable all students to accomplish the following:

<ul style="list-style-type: none"> - Recognize and apply mathematics in contexts outside of mathematics. 	<p><i>LineUp With Math™</i> Activities</p> <ul style="list-style-type: none"> --Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.
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Representation Standard Instructional programs from prekindergarten through grade 12 should enable all students to accomplish the following:

<ul style="list-style-type: none"> - Use representations to model and interpret physical, social, and mathematical phenomena. 	<p><i>LineUp With Math™</i> Activities</p> <ul style="list-style-type: none"> --Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.
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